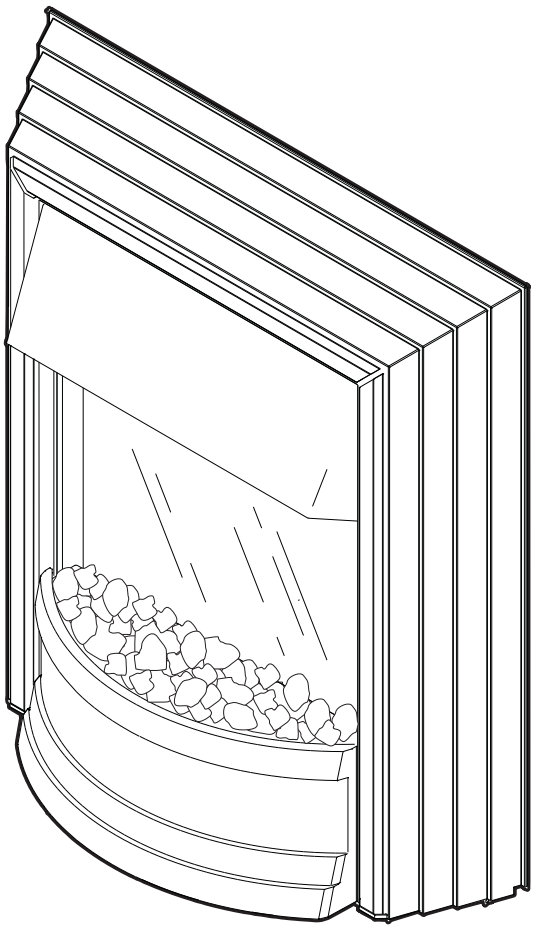
PARTS AND SERVICE MANUAL

FOR

CASTILLO AND ZAMORA

Models CS3540/CS3550

Dimplex®



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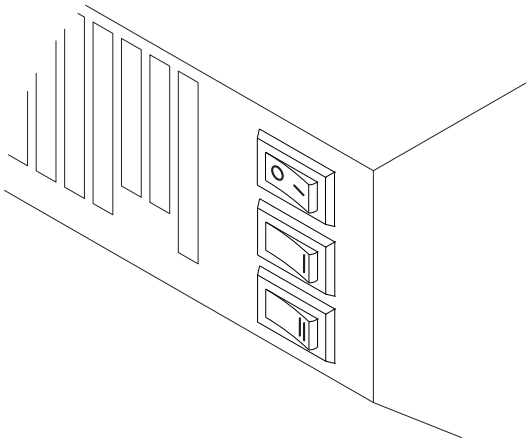
OPERATION

Three switches provide a choice of heat settings (FIG. 1). A switch is in the ON position when the side with the markings on (i.e. I, I, or II) is pushed in.

Switch 1 (I) Controls the electricity supply to the heater and flame effect.
Note: This switch must be in the ON (I) position for heater to operate with or without heat.

Switch 2 (I) Provides 600 W heat output.

Switch 3 (II) Provides 1200 W heat output with switch 2.



RESETTING THE TEMPERATURE CUTOFF SWITCH

Should the heater overheat, an automatic cut out will turn the heater off and it will not come back on without being reset. It can be reset by switching the MAIN ON/OFF SWITCH to OFF and waiting 5 minutes before switching the unit back on.

CAUTION
If you need to continuously reset the heater, unplug the unit and call Dimplex North America Limited at 1-800-668-6663.

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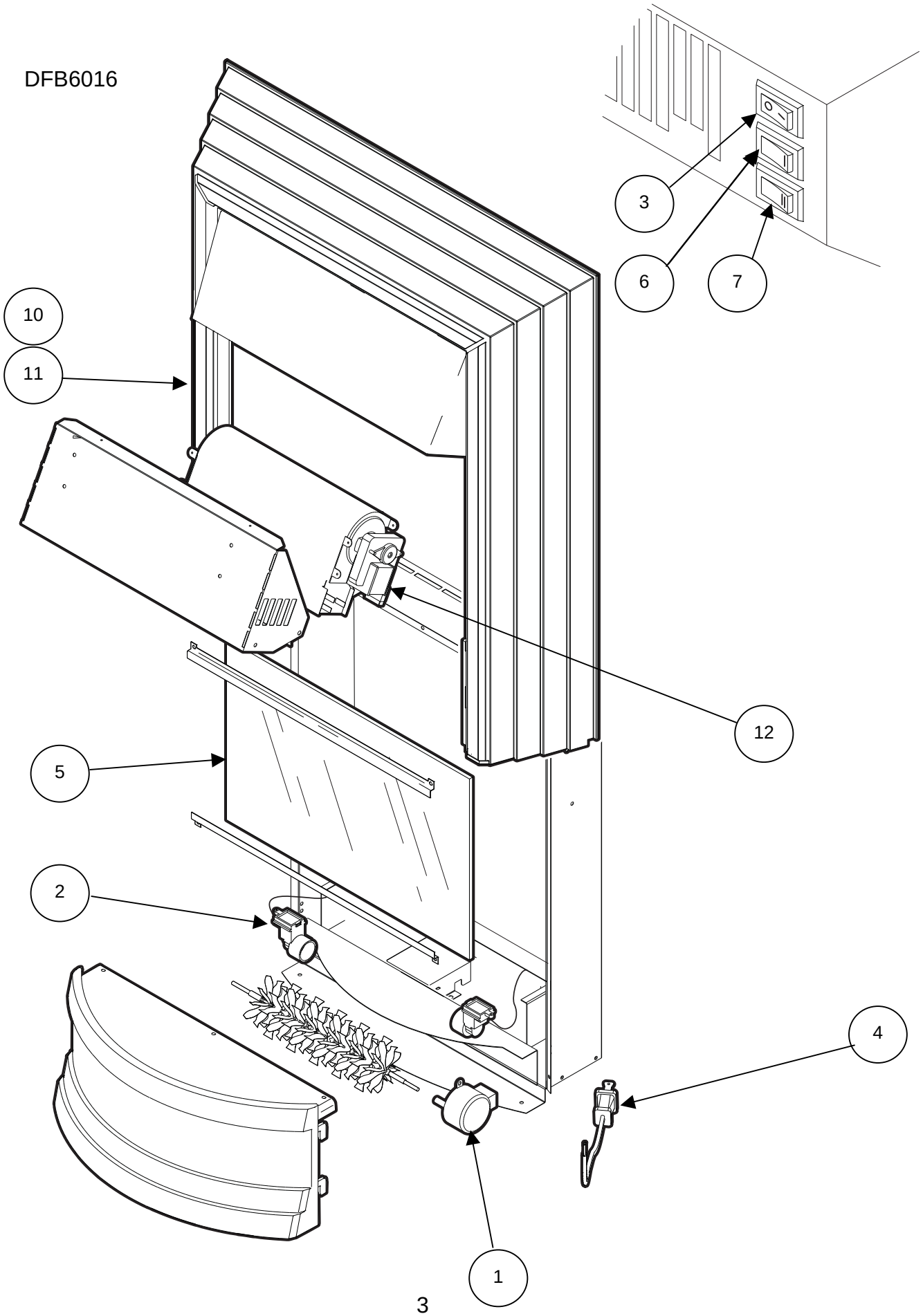


CS3540, CS3550

REPLACEMENT PARTS

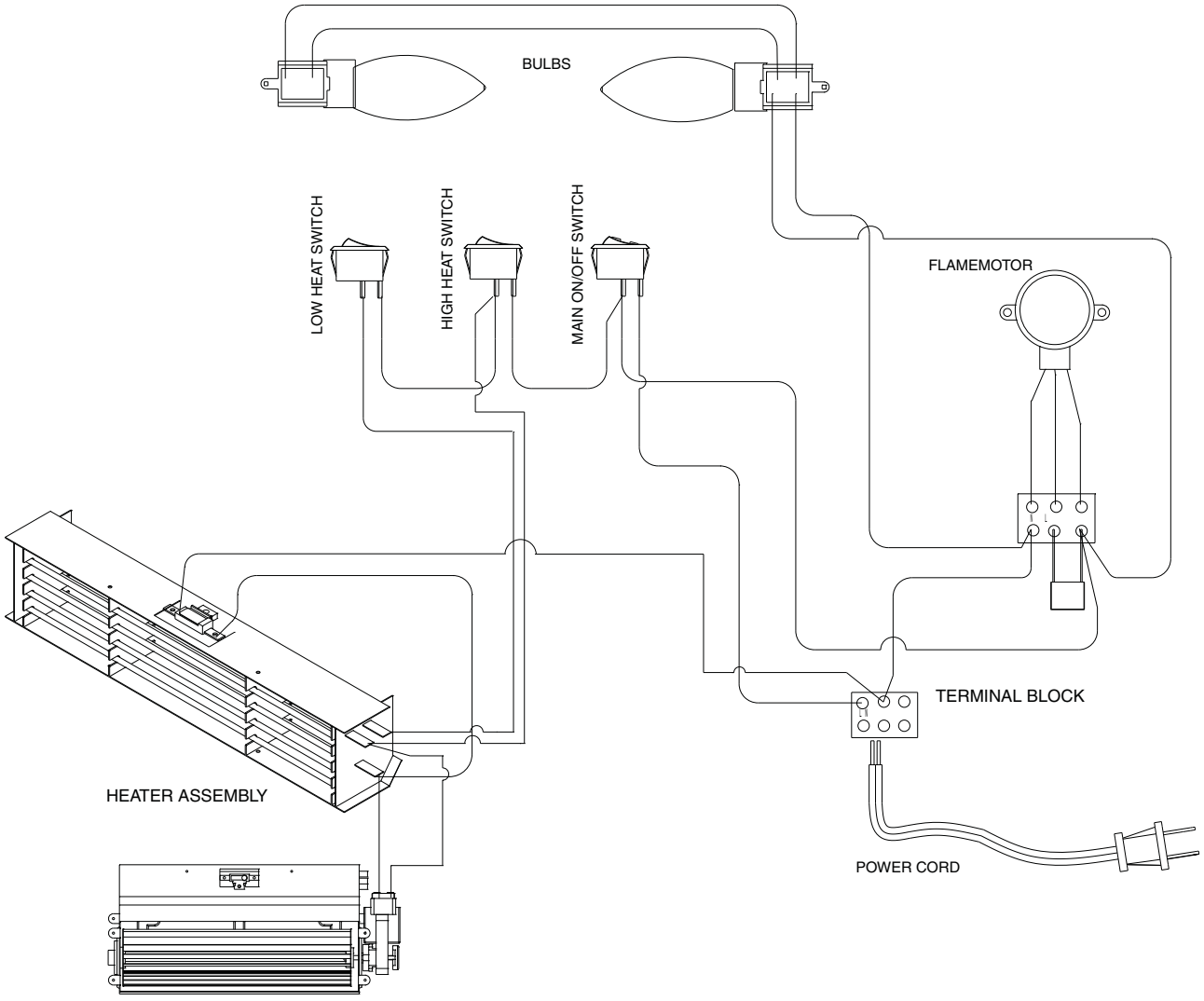
FIREBOX, 30” – Dimplex

CATALOGUE NO.	**CS3540, CS3550**
PART NO.	**000000000**

REPLACEMENT PART

1.	FLICKER MOTOR	2000210200RP
2.	WIRE ASSY LAMPHOLDER SOCKET	4200120800RP
3.	ON/OFF SWITCH	2800070700RP
4.	CORD SET	4100040500RP
5.	MIRROR	5900300400RP
6.	LOW HEAT SWITCH	2800070900RP
7.	HIGH HEAT SWITCH	2800071000RP
8.	COAL STONES	1400000100RP
9.	WHITE ROCK	1400010100RP
10.	SURROUND, BLACK	0478090159RP
11.	SURROUND, SILVER	0478090153RP
12.	HEATER ASSEMBLY 1200W, 980RPM	2200490900RP

WIRING DIAGRAM



If unit was operating prior to servicing allow at least 10 minutes for light bulbs and heating element to cool off to avoid accidental burning of skin.

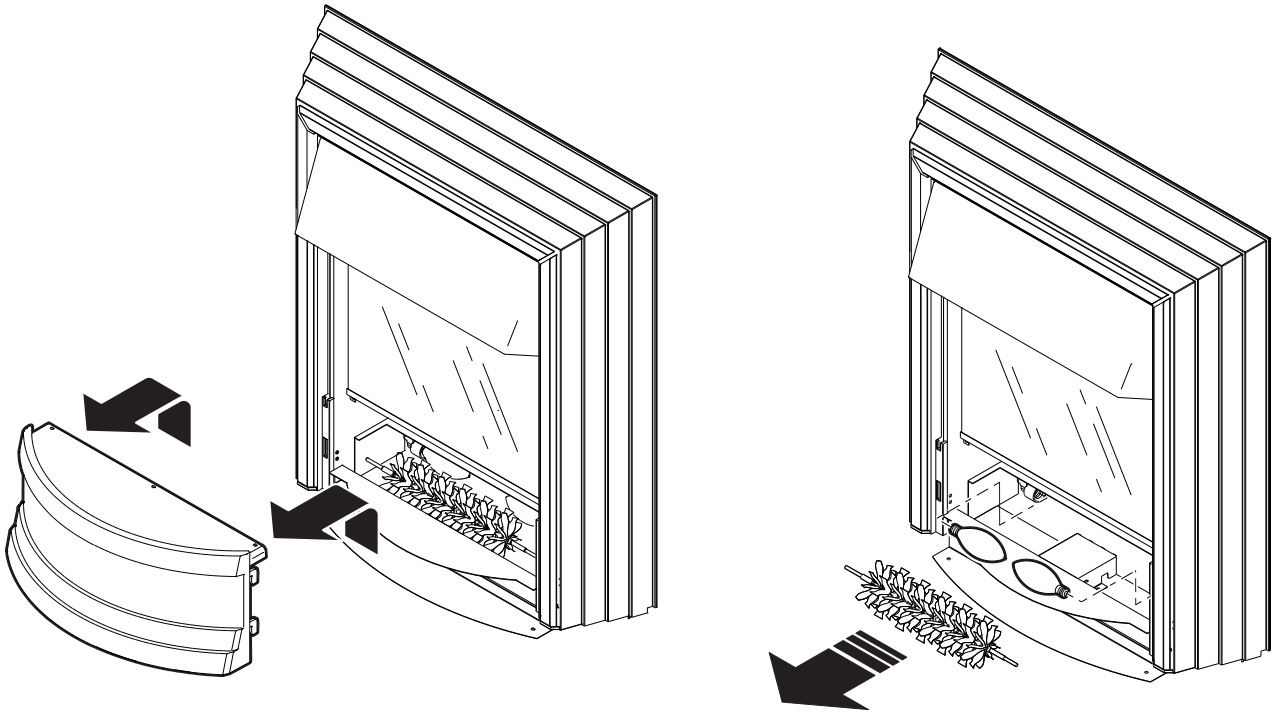
Disconnect power before attempting any maintenance or cleaning to reduce the risk of electric shock or damage to persons.

Light bulbs need to be replaced when you notice a dark section of the flame. There are two bulbs under the log set which generate the flames and embers located under the emberbed.

It is a good idea to replace all of the light bulbs at one time if they are close to the end of their rated life. Group replacement will reduce the number of times you need to open the unit to replace the light bulbs.

BULB REPLACEMENT

1. Remove the coal/pebbles and place in a container.
2. Remove the front panel from the fireplace by lifting it up and out from the slots on the fireplace.
3. Remove the rotisserie by carefully sliding the rubber connecter off the motor shaft.
4. Remove the defective bulb by unscrewing it as shown below.



LIGHT BULB REQUIREMENTS

Quantity of 2 clear chandelier or candelabra bulbs with an E-12 (small) socket base, 60 watt rating.

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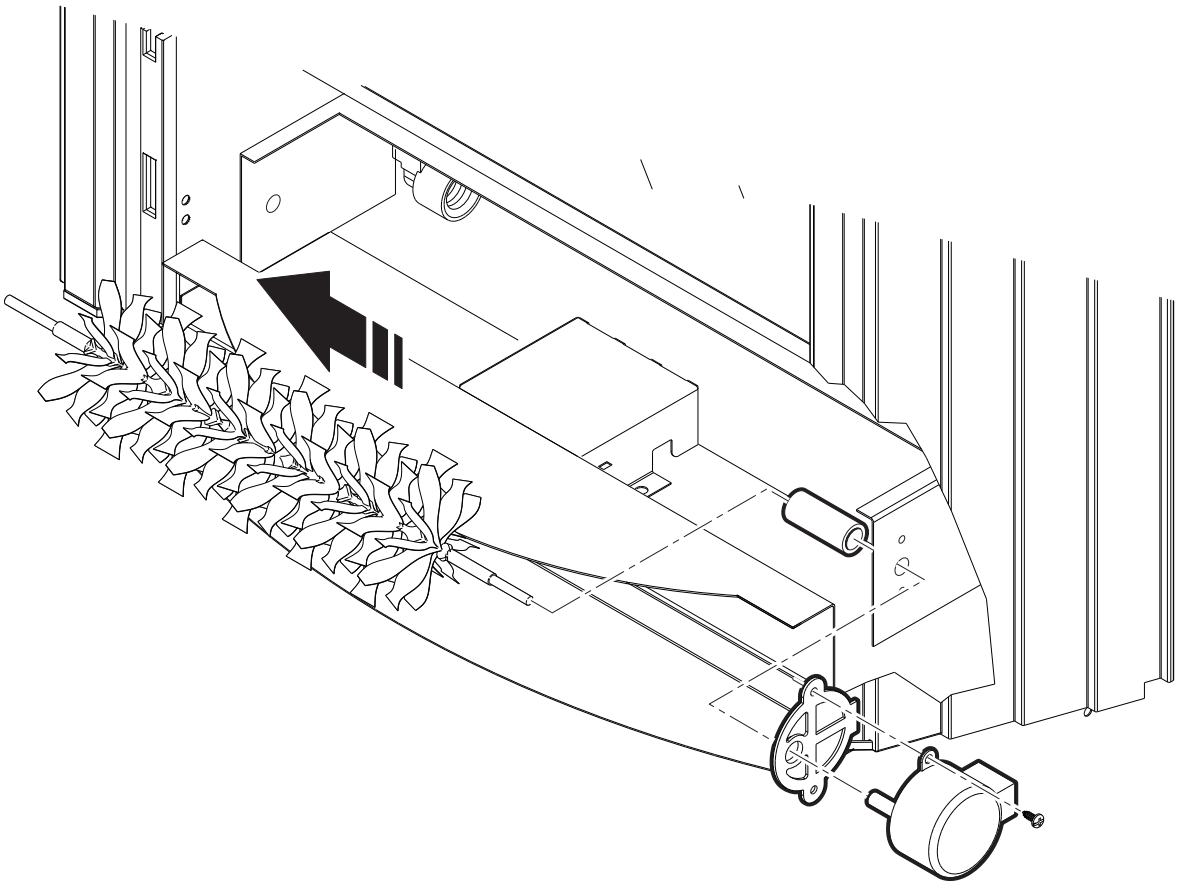
TO REPLACE FLAME MOTOR/FLAME ROD

1. Remove the coal/pebbles and place in a container.
2. Remove the front panel from the fireplace by lifting it up and out from the slots on the fireplace
3. Remove the reflector rod from the flame motor by pulling the end of the rod to the left and carefully remove flame rod from rubber sleeve.
4. Remove the 2 screws securing the flame motor to the flame motor bracket
5. Remove the lower mirror bracket by remove the 2 mounting screws.
6. Slide the mirror down and lift out to access the terminal block.
7. Disconnect the flame motor wires from the terminal block, noting their original locations.
8. Discard the old flicker motor.
9. Reassemble in the reverse order.



If unit was operating prior to servicing allow at least 10 minutes for light bulbs and heating element to cool off to avoid accidental burning of skin.

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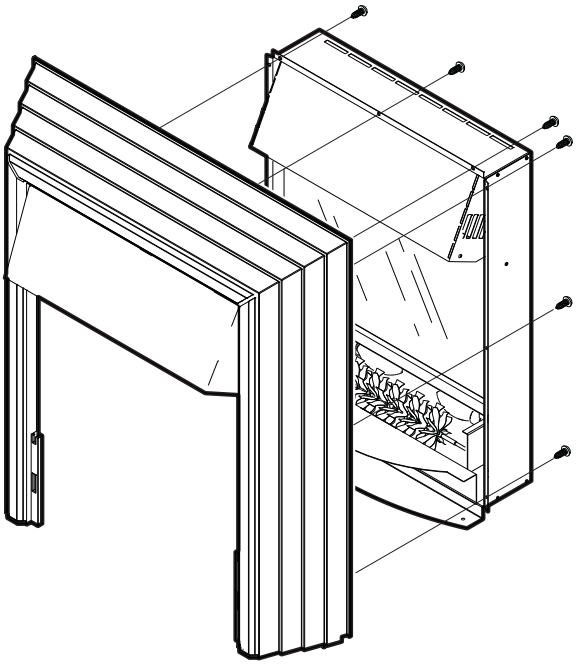
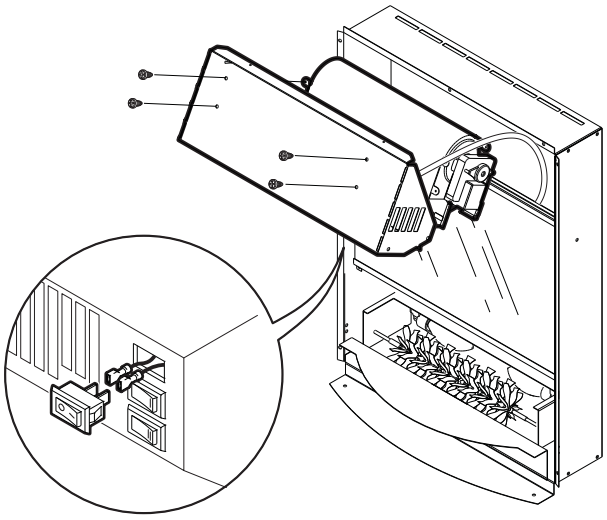
TO REPLACE MAIN ON/OFF, LOW HEAT AND HIGH HEAT SWITCHES

1. Remove the coal/pebbles and place in a container.
2. Remove the front panel from the fireplace by lifting it up and out from the slots on the fireplace
3. Remove the 9 retaining screws on the rear of the fireplace and remove the outer trim
4. Remove the heater assembly cover by removing the 4 screws on the top and front of the cover.
5. Locate the defective switch mounted to the heater assembly cover and disconnect the wiring clips and connections noting their original locations.
6. Depress the retainer clips on the rear of the switch and push the switch out of the heater assembly cover.
7. Properly orientate the new switch and connect all of the wiring clips and connections.
8. Reassemble in the reverse order as above





If unit was operating prior to servicing allow at least 10 minutes for light bulbs and heating element to cool off to avoid accidental burning of skin.

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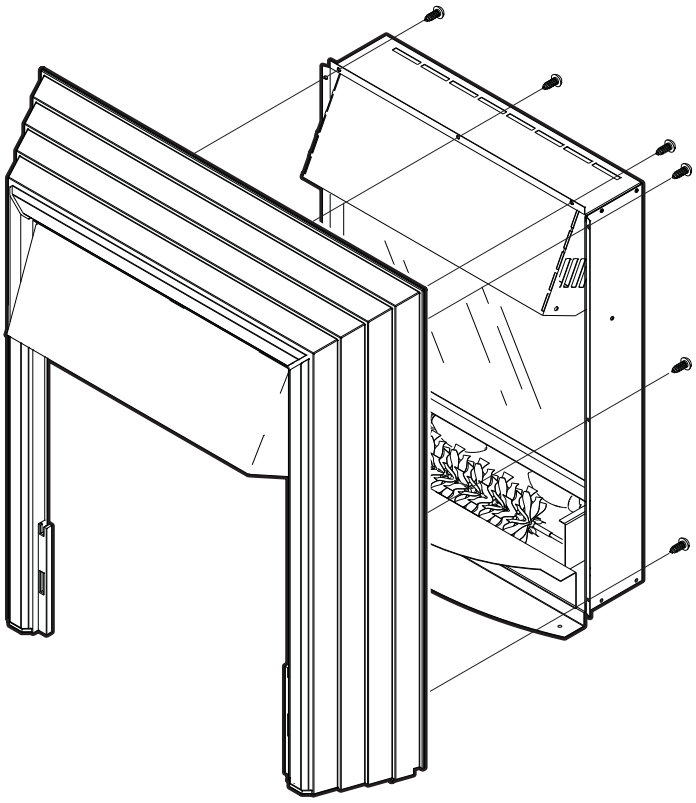
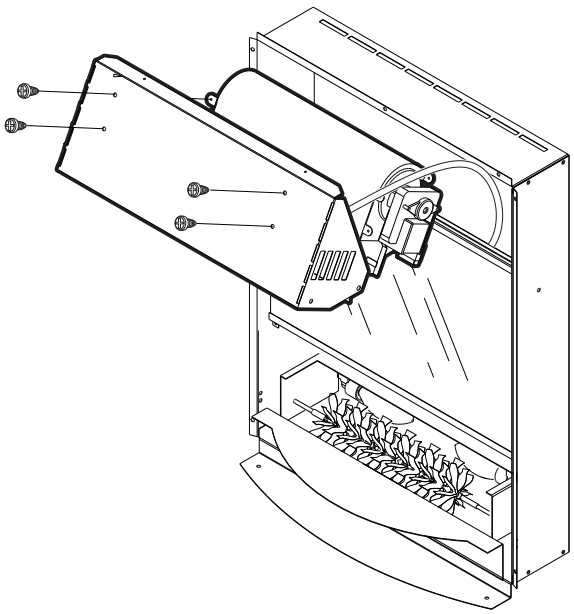
TO REPLACE HEATER ASSEMBLY

1. Remove the coal/pebbles and place in a container.
2. Remove the front panel from the fireplace by lifting it up and out from the slots on the fireplace
3. Remove the 9 retaining screws on the rear of the fireplace and remove the outer trim
4. Remove the heater assembly cover by removing the 4 screws on the top and front of the cover.
5. Remove the 4 mounting screws holding the heater assembly to the heater assembly cover.
6. Disconnect wiring connections and connect to replacement heater assembly noting their original locations.
7. Reassemble in the reverse order as above.





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TO REPLACE THE POWER CORD

1. Remove the coal/pebbles and place in a container.
2. Remove the front panel from the fireplace by lifting it up and out from the slots on the fireplace
3. Remove the reflector rod from the flame motor by pulling the end of the rod to the left and carefully remove flame rod from rubber sleeve.
4. Remove the reflector rod cover plate by removing 2 screws on the front of the cover.
5. Remove the 2 mounting screws holding the terminal block cover and remove the cover.
6. Disconnect wiring connections and connect the new power cord to the terminal block.
7. Reassemble in the reverse order as above.